

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	("20020157686" "20020163028" "20030015764" "20030087507" "20040043633" "5693578" "6423648" "6984591").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 09:05
L2	2	L1 and (Zr or zirconium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 09:08
L3	19	(horii-s\$.in.) and (Zr or zirconium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 09:08
L4	2	(@ad<"20020920") and ((Zr or zirconium) with MMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 09:14
L5	1	(@ad<"20020920") and (Miya-H\$.in.) and (Zr or zirconium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 09:15
L6	0	(@ad<"20020920") and (hashiba-y\$.in.) and (Zr or zirconium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 09:16
L7	41	(@ad<"20020920") and (438/745.ccls.) and (Zr or zirconium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 09:17
S1	2	("20060240677").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 11:28

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S2	8846	(@ad<"20020920") and ozone and bubbl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 11:30
S3	1599	(@ad<"20020920") and ozone and bubbl\$3 and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 11:30
S4	1456	(@ad<"20020920") and ozone and bubbl\$3 and semiconductor and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 09:12
S5	1051	(@ad<"20020920") and ozone and bubbl\$3 and semiconductor and temperature and chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 11:31
S6	850	(@ad<"20020920") and ozone and bubbl\$3 and semiconductor and temperature and chamber and water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 14:23
S7	285	(@ad<"20020920") and ozone and bubbl\$3 and semiconductor and temperature and chamber and water and loading	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 11:31
S8	144	(@ad<"20020920") and (ozone with bubbl\$3) and semiconductor and temperature and chamber and water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 10:30
S9	78	(@ad<"20020920") and (ozone with bubbl\$3 with water) and semiconductor and temperature and chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 13:08

EAST Search History

S10	1	(@ad<"20020920") and (ozone with bubbl\$3 with (HF) with etch\$3) and semiconductor and temperature and chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 13:13
S11	0	(@ad<"20020920") and (ozone with bubbl\$3 with etch\$3 with oxide) and semiconductor and temperature and chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 13:14
S12	2	(@ad<"20020920") and (ozone with bubbl\$3 with etch\$3) and semiconductor and temperature and chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 13:17
S13	185	(@ad<"20020920") and (ozone with oxide with etch\$3) and semiconductor and temperature and chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 15:35
S14	2	("6982006").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 14:42
S15	1	(@ad<"20020920") and (bubbling with oxide with etch\$3) and semiconductor and temperature and chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 15:39
S16	6	(@ad<"20020920") and (bubbling with oxide with etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 15:44
S17	188	(@ad<"20020920") and (bubbling with etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 15:44

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S18	20	(@ad<"20020920") and (oxygen with bubbling with etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 15:56
S19	5	(@ad<"20020920") and (ozone with bubbling with etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/13 15:56
S20	43	"5693578"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 10:27
S21	2	("5693578").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 09:10
S22	2	("5,431,861").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 10:27
S23	950230	(@ad<"20020920") and (ozone with bubbl\$3with clean\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 10:30
S24	146	(@ad<"20020920") and (ozone with bubbl\$3 with clean\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 10:31
S25	13	(@ad<"20020920") and (ozone with bubbl\$3 with clean\$3 with wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 10:47

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S26	4	(@ad<"20020920") and (ozone with bubbl\$3 with clean\$3 with chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 10:31
S27	6327	S23 and hydro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:31
S28	4	S24 and hydro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:32
S29	0	S25 and hydro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:32
S30	3	S25 and HF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:33
S31	18	(US-20030087507-\$ or US-20020163028-\$ or US-20020086552-\$).did. or (US-6982006-\$ or US-6645876-\$ or US-5693578-\$ or US-7135417-\$ or US-7064084-\$ or US-6685779-\$ or US-6589877-\$ or US-6569780-\$ or US-6509283-\$ or US-6423648-\$ or US-6140247-\$ or US-5431861-\$ or US-6506309-\$).did. or (JP-2001085381-\$).did. or (JP-04263086-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/16 13:02
S32	5	S31 and peroxide	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/16 13:07
S33	6	S31 and (HCl or chloride)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/16 13:09

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S34	4	S31 and (HCl or chloride) and CVD	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/04/16 13:10
S35	73	(@ad<"20020920") and ozone and bubbl\$3 and semiconductor and temperature and chamber and water and CVD and (alternating or sequentially or pulsing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:31
S36	3	(@ad<"20020920") and (ozone with bubbl\$3) and semiconductor and temperature and chamber and water and CVD and (alternating or sequentially or pulsing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 14:30
S37	3	(@ad<"20020920") and (ozone with bubbl\$3) and semiconductor and temperature and chamber and CVD and (alternating or sequentially or pulsing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 14:30
S38	3	(@ad<"20020920") and (ozone with bubbl\$3) and semiconductor and temperature and chamber and water and CVD and (alternating or sequentially or pulsing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:40
S39	130	(@ad<"20020920") and (ALD) and (alternating or sequentially or pulsing) and (HFO2 or "HFO.sub.2" or "hafnium oxide")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:50
S40	2	("20060240677").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/18 11:48
S41	0	(@ad<"20020920") and (ALD) and (alternating or sequentially or pulsing) and (HFO2 or "HFO.sub.2" or "hafnium oxide") and ("tetrakis(1-methoxy-2-methyl-2-propoxy)hafnium" or ("Hf[OC(CH.sub.3).sub.2CH.sub.2OCH.sub.3].sub.4"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 11:52

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S42	0	(@ad<"20020920") and (ALD) and (alternating or sequentially or pulsing) and (HFO2 or "HFO.sub.2" or "hafnium oxide") and (Tetrakisdiethylamidehafnium or ("Hf[N(C.sub.2H.sub.5).sub.2].sub.4"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 12:28
S43	0	(@ad<"20020920") and (ALD) and (alternating or sequentially or pulsing) and (HFO2 or "HFO.sub.2" or "hafnium oxide") and (Tetrakisdimethylamidehafnium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 12:29
S44	0	(@ad<"20020920") and (HFO2 or "HFO.sub.2" or "hafnium oxide") and (Tetrakisdimethylamidehafnium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 12:30
S45	0	(@ad<"20020920") and (HFO2 or "HFO.sub.2" or "hafnium oxide") and (TetrakisS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 12:32
S46	4	(@ad<"20020920") and (TetrakisS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 12:31
S47	30167	(@ad<"20020920") and (Tetrakis\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 15:14
S48	0	S47 and (HFO2 or "HFO.sub.2" or "hafnium oxide") and (TetrakisS.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 12:33
S49	53	S47 and ("hafnium oxide")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 12:33

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S50	24	S47 and ("hafnium oxide") and ALD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 12:33
S51	0	(@ad<"20020920") and ("tetrakis(1-methoxy-2-methyl-2-propoxy)" with zirconium) or ("ZrOCCH.sub.3.sub.2CH.sub.2OCH.sub.3.sub.4")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 15:17
S52	0	(@ad<"20020920") and "tetrakis(1-methoxy-2-methyl-2-propoxy)"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 15:18
S53	0	(@ad<"20020920") and "tetrakis\$11-methoxy-2-methyl-2-propoxy)"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 15:18
S54	158	(@ad<"20020920") and (tetrakis\$ near3 methoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 15:19
S55	0	(@ad<"20020920") and (tetrakis\$ near3 methoxy near3 (zr or zirconium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 15:21
S56	429	(@ad<"20020920") and (tetrakis\$ near3 (zr or zirconium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 15:32
S57	3	(@ad<"20020920") and (tetrakis\$ near3 (zr or zirconium) near3 propoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 15:44

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S58	2	("7087495").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/18 15:42
S59	0	(@ad<"20020920") and "Tetrakis(1-methoxy-2-methyl-2-propoxy)"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 15:44
S60	2	(@ad<"20020920") and (Tetrakis with "1-methoxy-2-methyl-2-propoxy")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 16:02
S61	2	(@ad<"20020920") and (mmp with (zr or zirconium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 15:52
S62	2	("6919597").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/18 15:52
S63	1	"6440591".PN.	USPAT; USOCR	OR	OFF	2007/12/18 15:55
S64	1	"6126743".PN.	USPAT; USOCR	OR	OFF	2007/12/18 15:56
S65	1	"6004392".PN.	USPAT; USOCR	OR	OFF	2007/12/18 15:58
S66	2	("6939760").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/18 15:58

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S67	152	(@ad<"20020920") and (Tetra\$3 with methoxy with methyl with propoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 16:02
S68	1	(@ad<"20020920") and (Tetra\$3 with methoxy with methyl with propoxy with (zr or zircon\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 16:35
S69	1	(@ad<"20020920") and (Tetra\$4 with methoxy with methyl with propoxy with (zr or zircon\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 16:36
S70	8	(@ad<"20020920") and (methoxy with methyl with propoxy with (zr or zircon\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 16:46
S71	376	(@ad<"20020920") and (acetoacetate with (zr or zircon\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 16:49
S72	3	(@ad<"20020920") and (acetoacetate with (zr or zircon\$3) with methoxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 16:47
S73	19	(@ad<"20020920") and (acetoacetate with (zr or zircon\$3)) and (CVD or ALD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 16:57
S74	199	(@ad<"20020920") and (tetra\$4 with (zr or zircon\$3)) and (CVD or ALD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 17:00

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S75	81	(@ad<"20020920") and (tetra\$1kis with (zr or zircon\$3)) and (CVD or ALD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 17:08
S76	0	(@ad<"20020920") and (Zr\$2mmp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 17:09
S77	0	(@ad<"20020920") and (Zr near2 mmp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 17:09
S78	0	(@ad<"20020920") and (Zirconium near2 mmp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 17:09
S79	0	(@ad<"20020920") and (Zirconium near mmp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 17:15
S80	0	(@ad<"20020920") and (Zirconium near mmp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 17:15
S81	6	(@ad<"20020920") and ("Zirconium oxide" or "ZrO.sub.2") same mmp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 17:18
S82	15	(@ad<"20020920") and ("Zirconium oxide" or "ZrO.sub.2") same tetra\$1kis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 17:57

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S83	518	(@ad<"20020920") and ("tantalum oxide" or "ta.sub.2O.sub.5") and (PET or (pentaethoxytantalum) or ("OC.sub.2H.sub.5").sub.5"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 18:02
S84	133	(@ad<"20020920") and (("tantalum oxide" or "ta.sub.2O.sub.5") with (PET or (pentaethoxytantalum) or ("OC.sub.2H.sub.5").sub.5"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 18:02
S85	18	(@ad<"20020920") and (("tantalum oxide" or "ta.sub.2O.sub.5") with (PET or (pentaethoxytantalum) or ("OC.sub.2H.sub.5").sub.5")) and ALD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 09:05